REMARKS

Claims 1-6, 8, 10-22, 25, 27-31, 33-42, 44 and 45 were pending in this application. Claims 1, 8, 12-16, 25, 31 and 35-38 have been amended. Following entry of the amendments claims 1-6, 8, 10, 12-22, 25, 27-29, 31, 33-42, 44 and 45 and will be pending and at issue.

Applicants thank the Examiner for examination of the claims pending in this application and address the Examiner's comments below. Based on the above Amendment and following Remarks, Applicants respectfully request that the Examiner reconsider all outstanding rejections and objections and withdraw them.

AMENDMENTS TO THE SPECIFICATION

Applicants are amending paragraph [0002] and submitting the accompanying Application Data Sheet to delete the priority claims to U.S. Patent Application Nos. 10/001,895, 10/001,849, 10/001,893, 10/001,894, 10/001,891, 10/175,540, and 10/645,821. Thus, following entry of this amendment, this application will contain only the claims of benefit to Provisional Application Nos. 60/506,303, 60/506,411, and 60/506,263.

In Examiner's Advisory Action dated October 25, 2007, the Examiner states "a new declaration would be necessary, because the declaration filed on 3/30/2004 claims priority benefit under 35 USC 120 to the seven applications referenced by the specification amendment." However, MPEP 201.11(G) states that "applicants may cancel their claim to priority by amending the specification or submitting a new application data sheet (no supplemental declaration is necessary) to delete any references to prior applications." Therefore, a new declaration is not necessary and Applicants' amendment to the specification and Supplemental Application Data Sheet submitted herewith are sufficient for removing the previously-mentioned priority claims.

Applicant have also amended paragraph [0005] and the abstract at paragraph [0091] to correct typographical errors.

CLAIM OBJECTIONS

Applicant has amended claim 8 to which the Examiner objected, and thus requests withdrawal of the objection.

REJECTIONS UNDER 35 U.S.C. § 112, SECOND PARAGRAPH

Claims 1-22, 30-31 and 35-38 were rejected under 35 U.S.C. § 112, second paragraph as allegedly indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention. Applicants have corrected these typographical errors and thus request withdrawal of this rejection as drawn to the amended claims.

REJECTIONS UNDER 35 U.S.C. § 103

Claims 1-6, 8, 10-22, 25, 27-31, 33-42 and 44-45are rejected under 35 U.S.C. § 103(a) as allegedly being unpatentable over either Sekiguchi et al. (US Patent No. 6,611,628) in view of Kanevsky et al. (US Patent No. 6,687,383) and Uchihachi (US Patent No. 6,535,639). Applicant traverses this ground of rejection.

Claim 1, as amended, recites:

> A computer system for generating a representation of time-based media, the system comprising:
> a feature extraction module for:
> extracting features from media content; and
> generating a media representation representing the features extracted;
> a formatting module for formatting the media representation generated, the formatting module being communicatively coupled to the feature extraction module to apply features extracted to the media representation, wherein the formatting module formats the media representation according to a representation specification; and
> a printer for printing the formatted media representation, the printer being communicatively coupled to the formatting module to receive instructions for

printing a document displaying the formatted media representation, *wherein the formatted media representation includes a graphical representation a of timeline* and a plurality of user selectable identifiers representing the features extracted from the media content for selection by a user to play media content segments of a defined length associated with each of the features, *wherein the plurality of selectable identifiers are linked to locations on the timeline.*

Claim 25 discloses the following:

A method for generating a representation of time-based media, the method comprising:

extracting features from media content;

generating a media representation representing the features extracted;

formatting the media representation according to a representation specification, the formatting including applying the features extracted to the media representation; and

printing a document displaying the formatted media representation, *wherein the formatted media representation includes a graphical representation of a timeline* and a plurality of user selectable identifiers representing the features extracted from the media content for selection by a user to play media content segments of a defined length associated with each of the features, *wherein the plurality of selectable identifiers are linked to locations on the timeline.*

These aspects of the claimed invention pertain to extracting features from media content where the media content is first formatted according to a representation specification, and the features extracted then are applied to the media representation. As claimed, the media representation is printed and displayed, as a graphical representation of a timeline. Further, the media representation includes a plurality of user selectable identifiers (such as machine readable code, text, or an equivalent identifier) that represent the features extracted from the media content. These identifiers are selectable by a user to play media content segments of a defined length associated with each of the features and each identifier is linked to a location on the timeline. In other words, a graphical representation, such as a single audio waveform timeline is printed. Along with the graphical representation of the timeline, a plurality of selectable identifiers are also displayed, each selectable identifier is associated with a different point along the timeline.

These aspects of the claimed invention are not disclosed or suggested by the cited references considered alone or in the combination proposed by the Examiner. Specifically, Sekiguchi, as presently understood, merely describes extracting a portion of an individual image frame and codes the color and area of the portion to produce what Sekiguchi calls a "feature." Sekiguchi, col. 2, lines 27-36. Sekiguchi teaches an object moving from the left side of a screen toward the right side of a screen along a timeline, but nowhere in Sekiguchi teaches a graphical representation of a timeline. Furthermore, Kanevsky as presently understood, merely describes a system for encoding audio information into video or image pixels. *See* Kanevsky, col. 3, lines 35-36. In Kanevsky, whole image video data input from video source 23 and audio data input from audio source 25 is input to a transformation device such as an audio-to-video transcoder 50 which enables the coding of audio data into video image/data." *Id.* at col. 3, lines 37-42.

Neither Sekiguchi nor Kanevsky describe " a printer for printing the formatted media representation, the printer being communicatively coupled to the formatting module to receive instructions for printing a document displaying the formatted media representation, *wherein the formatted media representation includes a graphical representation a timeline* and a plurality of user selectable identifiers representing the features extracted from the media content for selection by a user to play media content segments of a defined length associated with each of the features, *wherein the plurality of selectable identifiers are linked to locations on the timeline*" or "printing a document displaying the formatted media representation, *wherein the formatted media representation includes a graphical representation of a timeline* and a plurality of user selectable identifiers representing the features extracted from the media content for selection by a user to play media content segments of a defined length associated with each of the features, *wherein the plurality of selectable identifiers are linked to locations on the timeline*" of claims 1 and 25, respectively. The Examiner relied on Uchihachi to provide these elements. Office Action, p. 6.

Uchihachi does not remedy the deficiencies of Sekiguchi and Kanevsky. Uchihachi merely shows glyph codes printed on a paper medium and associated with video frames also printed on the paper medium. Each printed glyph code is associated with a printed video frame. Therefore, multiple video frames and multiple glyph codes represent a particular video. *See* Uchihachi at col. 9, lines, 29-52, and Fig. 7. This is not the same as a media representation including a single graphical representation of a timeline and a plurality of user selectable identifiers representing features extracted from the media content. Each selectable identifier is associated with a particular point on the timeline for which is represents. The graphical representation also includes portions of the media content that do not have associated extracted features. By displaying the media content as a graphical representation of a timeline, along with the plurality of identifiers associated with particular points on the timeline, a user can easily visually see where the identifier falls along the entire timeline.

Accordingly, the combination of Sekiguchi, Kanevsky, and Uchihachi does not teach all of the elements of the claims, and so cannot render independent claims 1 and 25 obvious, nor the claims that depend therefrom.

Applicants respectfully submit that for at least these reasons claims 1-6, 8, 10, 12-22, 25, 27-29, 31, 33-42, 44, and 45 are patentably distinguishable over the cited references, both alone and in combination. Therefore, Applicants respectfully request that Examiner reconsider the rejection, and withdraw it.

CONCLUSION

Withdrawal of the pending rejections and reconsideration of the claims are respectfully requested, and a notice of allowance is earnestly solicited. If the Examiner has any questions concerning this Response, the Examiner is invited to telephone Applicant's representative at (650) 335-7805.

Respectfully submitted,
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